Peptide analysis.

All peptides were analyzed and their identity confirmed by matrix assisted laser desorption ionization time-of-flight mass spectrometry (MALDI-TOF-MS) on a Fisons Tofspec E MALDI linear-laser desorption time of flight instrument. All measurements were in agreement with the calculated masses within the instrument specifications (Table 1).

Table 1. Mass spectral data (average molecular weight) of synthesized peptides.

		Calc.	Found
IT 9302	H-Ala-Tyr-Met-Thr-Met-Lys-Ile-Arg-Asn-OH	1127.4	1129.4
Mod 13	H-Glu-Ala-Tyr-Met-Thr-Met-Lys-Ile-Arg-Asn-OH	1256.5	1254.4
Mod 14	H-Asp-Ala-Tyr-Met-Thr-Met-Lys-Ile-Arg-Asn-OH	1242.5	1240.7
Mod 15	H-βAla-Tyr-Met-Thr-Met-Lys-Ile-Arg-Asn-OH	1127.4	1126.4
Mod 16	H-Cha-Tyr-Met-Thr-Met-Lys-Ile-Arg-Asn-OH	1209.5	1208.2
Mod 17	H-iBua-Tyr-Met-Thr-Met-Lys-Ile-Arg-Asn-OH	1169.3	1168.7
Mod 18	H-Glu-iBua-Tyr-Met-Thr-Met-Lys-Ile-Arg-Asn-OH	1298.5	1298.4
Mod 19	H-Mea-Tyr-Met-Thr-Met-Lys-Ile-Arg-Asn-OH	1171.3	1170.6
Mod 20	H-Glu-Mea-Tyr-Met-Thr-Met-Lys-Ile-Arg-Asn-OH	1300.4	1299.7
Mod 21	H-Ala-Pya-Met-Thr-Met-Lys-Ile-Arg-Asn-OH	1113.4	1116.9
Mod 22	H-Ala-Tyr-Met(O)-Thr-Met-Lys-Ile-Arg-Asn-OH	1141.4	1142.6
Mod 23	H-Ala-Tyr-Nle-Thr-Met-Lys-Ile-Arg-Asn-OH	1109.4	1108.6
Mod 24	H-Ala-Tyr-Nva-Thr-Met-Lys-Ile-Arg-Asn-OH	1095.3	1094.8
Mod 25	H-Ala-Tyr-Met-Thr-Nle-Lys-Ile-Arg-Asn-OH	1109.4	1108.8
Mod 26	H-Ala-Tyr-Met-Thr-Nva-Lys-Ile-Arg-Asn-OH	1095.3	1095.2
Mod 27	H-Ala-Tyr-Met-Thr-Met-Orn-Ile-Arg-Asn-OH	1113.4	1115.0
Mod 28	H-Ala-Tyr-Met-Thr-Met-Dab-Ile-Arg-Asn-OH	1099.4	1101.2

Mod 29	H-Ala-Tyr-Met-Thr-Met-Lys-Cha-Arg-Asn-OH	1167.5	1167.8
Mod 30	H-Ala-Tyr-Met-Thr-Met-Lys-Ile-Lys-Asn-OH	1099.4	1098.6
Mod 31	H-Ala-Tyr-Met-Thr-Met-Lys-Met(O)-Arg-Asn-OH	1161.4	1159.5
Mod 32	H-Ala-Tyr-Met-Thr-Met-Lys-Ile-Arg-Asn-NH_2	1126.4	1126.1
Mod 33	CH_3CO-Ala-Tyr-Met-Thr-Met-Lys-Ile-Arg-Asn-OH	1169.4	1170.1
Mod 34	H-Cys-Ala-Tyr-Leu-Thr-Leu-Lys-Ile-Arg-Asn-Cys-NH_2	1294.6	1294.3
Mod 35	H-ala-Tyr-Met-Thr-Met-Lys-Ile-Arg-Asn-OH	1127.4	1127.6
Mod 36	H-Ala-tyr-Met-Thr-Met-Lys-Ile-Arg-Asn-OH	1127.4	1127.6
Mod 37	H-Ala-Tyr-met-Thr-Met-Lys-Ile-Arg-Asn-OH	1127.4	1128.0
Mod 38	H-Ala-Tyr-Met-Thr-met-Lys-Ile-Arg-Asn-OH	1127.4	1128.0
Mod 39	H-Ala-Tyr-Met-Thr-Met-Lys-ile-Arg-Asn-OH	1127.4	1125.0
Mod 40	H-Ala-Tyr-Met-Thr-Met-Lys-Ile-Arg-asn-NH_2	1126.4	1127.4
Mod 41	H-ala-tyr-met-thr-met-lys-ile-arg-asn-NH_2	1126.4	1128.6
Mod 42	H-Ala-Tyr-Met-Thr-Met-Lys-Met-Arg-Asn-OH	1145.4	1144.3
Mod 43	H-Ala-Tyr-Met-Thr-Met-Lys-Ile-Arg-Glu-OH	1142.4	1143.3
Mod 44	H-Ala-Tyr-Met-Thr-Ile-Lys-Ile-Arg-Asn-OH	1109.4	1107.2